



<110> Keio University  
Nishimoto, Ikuo

<120> HUMANIN, A POLYPEPTIDE SUPPRESSING NEURONAL DEATH

<130> KUV-102DP1PCT-1-US

<140> US 10/088,724  
<141> 2002-06-14

<150> WO PCT/JP00/06314  
<151> 2000-09-14

<150> JP 11/264679  
<151> 1999-09-17

<150> JP 2000/201456  
<151> 2000-06-29

<160> 96

<170> PatentIn version 3.1

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<222> (4)..(4)

<223> Xaa is Ser or Ala

<400> 96

Xaa Xaa Xaa Xaa  
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SEQUENCE LISTING

<110> Keio University  
Nishimoto, Ikuo

<120> HUMANIN, A POLYPEPTIDE SUPPRESSING NEURONAL DEATH

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<140> US 10/088,724  
<141> 2002-06-14

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<151> 2000-09-14

<150> JP 11/264679  
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gac ctg ccc gtg aag agg cg gca tga                                         75
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10

15

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Val Lys Arg Arg Ala  
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Lys Arg Arg Ala  
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Phe Ser Cys Leu Leu Leu Leu Thr Ser Glu Ile Asp Leu Pro Val Lys  
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Arg Arg Ala

<210> 17

<211> 18

<212> PRT

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Ser Cys Leu Leu Leu Leu Thr Ser Glu Ile Asp Leu Pro Val Lys Arg  
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Arg Ala

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Cys Leu Leu Leu Leu Thr Ser Glu Ile Asp Leu Pro Val Lys Arg Arg  
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Ala

<210> 19

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Pro Val

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<400> 23  
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Asp Leu Pro Val  
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<400> 24  
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Pro

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<400> 25  
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Pro

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Pro

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Pro

<210> 29  
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              5                  10                         15

Pro

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              5                  10                         15

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Pro

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Pro

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Pro

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Pro

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Pro

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Ala

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Asp Leu Pro Val Lys Arg Arg Ala  
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Asp Leu Pro Val Lys Arg Arg Ala  
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Asp Leu Pro Val Lys Arg Arg Ala  
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Asp Leu Pro Val Lys Arg Arg Ala  
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Asp Leu Pro Val Lys Arg Arg Ala  
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Asp Leu Pro Val Lys Arg Arg Ala  
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Asp Leu Pro Val Lys Arg Arg Ala  
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<223> Xaa may be any amino acid

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<222> (15)..(23)  
<223> Xaa at positions 15-23 may be present or absent.

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Xaa Xaa Xaa Xaa Pro  
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<223> Xaa at positions 3-11 may be present or absent

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<223> Xaa may be Leu or Arg.

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<223> Xaa may be Gly or Thr

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<223> Xaa at positions 28-36 may be present or absent

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Xaa Xaa Xaa Xaa Xaa Xaa Leu Thr Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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25

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Ala Gly Phe Ser  
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Arg Gly Ala Ala  
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<210> 69  
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<210> 70  
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